

REMARKS/ARGUMENTS

Favorable reconsideration of this application in view of the above amendment and following remarks is respectfully requested.

Claims 2-5 are pending. In the present amendment, Claim 1 is canceled, and new Claims 2-5 are added. Support for the present amendment can be found in the original specification, for example, at page 3, line 14 to page 4, line 2, in Figures 1 and 2, and in original Claim 1. Thus, it is respectfully submitted that no new matter is added.

In the outstanding Office Action, Claim 1 was rejected under 35 U.S.C. §112, second paragraph; and Claim 1 was rejected under 35 U.S.C. § 103(a) as unpatentable over Weber (U.S. Patent No. 3,341,395).

Initially, Applicants note that reference AQ, Austrian Patent No. 389 070 B, is indicated as not having been considered on the Form PTO-1449 returned with the outstanding Office Action. The reference was cited in the International Search Report, both of which were filed with the Information Disclosure Statement (IDS) on May 18, 2008. The International Search Report includes "Categories of Cited Documents," and the AQ reference was included in category "A" in the Search Report. Applicants respectfully submit that the IDS including the AQ reference meets the requirement for filing an IDS. Thus, it is respectfully requested the Form PTO-1449 indicating consideration of the AQ reference be included in the next Office communication.

In response to the rejection under 35 U.S.C. § 112, second paragraph, Claim 1 is canceled and the features of Claim 1 are included in new Claim 2. It is respectfully submitted that new Claim 2 corrects the informalities noted in paragraphs 1-12 of the Office Action with respect to Claim 1. In view of new Claim 2, it is believed that all pending claims are definite and no further rejection on this basis is anticipated. If, however, the Examiner

disagrees, the Examiner is invited to telephone the undersigned who will be happy to work with the Examiner in a joint effort to derive mutually acceptable language.

Turning now to the rejection under 35 U.S.C. § 103(a), Applicants respectfully request reconsideration of this rejection and traverse this rejection, as discussed below.

As discussed above, Claim 1 is canceled without prejudice or disclaimer, and new Claim 2 includes the features of canceled Claim 1. New Claim 2 recites, in part, “obtaining a crimp profile of the core by sheet blank bending along development zigzag lines and saw-tooth lines marked out on the core, said zigzag lines and said saw-tooth lines intersecting each other.” It is respectfully submitted that the cited reference does not disclose or suggest each of the features recited in Claim 2.

Weber describes a structural sandwich panel including outer skins 16, 17 and a core 18 made of sheet material, the core extending between and attached to the skins 16, 17. According to Weber, “the core of the invention is characterized by spaced parallel portions extending transversely to the panel. The spaced parallel portions are secured top and bottom to skin members 16 and 17.”¹ As shown in Figs. 2 and 3 of Weber, the core 18 is folded only along lines **parallel to each other**, forming a zigzag shape. Thus, Weber does not disclose or suggest “sheet blank bending along development zigzag lines and saw-tooth lines marked out on the core, said zigzag lines and said saw-tooth lines **intersecting each other**,” as recited in Claim 2.

In accordance with the features of the claimed invention, the present specification states on page 2, lines 2-4 that the “invention has for its object to improve the conditions of core shaping owing to elimination of bending zones in two planes and to increase the core-skin connection strength.” Accordingly, it is respectfully submitted that Claim 2 is patentable over Weber.

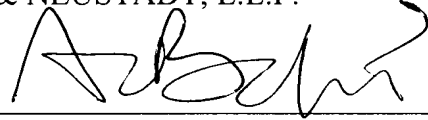
¹ See Weber, at col. 2, lines 29-33.

New Claims 3-5 are added by the present amendment. Support for new Claims 3-5 can be found in the original specification, for example, at page 3, line 14 to page 4, line 2, in Figs. 1 and 2, and in original Claim 1. Thus, it is respectfully submitted that no new matter is added. New independent Claim 3 includes features similar to those recited in Claim 2. New Claims 4 and 5 depend on Claims 2 and 3, respectively. Accordingly, it is respectfully submitted that new Claims 3-5 are patentable over the cited reference.

Consequently, in view of the present amendment, no further issues are believed to be outstanding in the present application, and the present application is believed to be in condition for formal allowance. A Notice of Allowance is earnestly solicited.

Respectfully submitted,

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